## UNITED STATES PATENT AND TRADEMARK OFFICE **CERTIFICATE OF CORRECTION**

PATENT NO.

: 6,908,438 B2

APPLICATION NO.: 10/657909

**DATED** 

: June 21, 2005

INVENTOR(S)

: Joseph A. Orr et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the title page:

In ITEM (56) "References Cited,"

LINE 4,

After the complete entry "Article entitled

'Noninvasive Measurements of Cardiac

Output" and before the entry "Article entitled

Page 1 of 1

'Non-Invasive Pulmonary Blood Flow

Measurement" insert:

-- Article entitled "Noninvasive Measurement

of Cardiac Output Using Partial Carbon-

Dioxide Rebreathing" by John Michael Capek (title, introductory pages and pp. 127-132),

printed by UMI Dissertation Services -

December 1988 .--

In the specification:

COLUMN 7, LINE 1,

COLUMN 12, LINE 35,

COLUMN 12, LINE 46,

change "Y-niece" to --Y-piece--

change "(n-1)]/ $V_t$ }" to --(n-1))]/ $V_t$ }--

change "("PACO2")" to --("PACO2")--

In the claims:

CLAIM 7, COLUMN 14, LINE 60, change "(n-1)]/ $V_t$ }" to --(n-1)]/ $V_t$ }--

Signed and Sealed this

Twenty-second Day of August, 2006

JON W. DUDAS Director of the United States Patent and Trademark Office